

Notice of Allowability

Application No.

10/701,980

Examiner

Yaritza Guadalupe McCall

Applicant(s)

KIM, KYUNG CHEOL

Art Unit

2859

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Application filed November 4, 2003.
2. ☒ The allowed claim(s) is/are 1-25.
3. ☒ The drawings filed on 11/4/2003 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

DETAILED ACTION

Reasons for Allowance

1. The following is an examiner's statement of reasons for allowance:
 - a. Claims 1, 3, 6, 8, 10, 12, 14, 16, 18, 20, 22 and 24 are allowable over the Prior Art of Record because it fails to teach or suggest an alignment laser projection system comprising a first side holding plate wherein an upper hole and a center hole are formed such that the central axis of each hole is the same as the central axis line in the length direction of the permeation window, and a pair of bottom holes are formed such that the central axis of each hole is in parallel with and level with the axis line in the length direction of the permeation window, and the two axes of the holes are symmetrical about the axis line of the permeation window, and the first side surface holding plate is coupled to one side surface of the housing, and a second side surface holding plate where holes corresponding the upper hole and bottom holes of the first side surface holding plates are formed respectively and the second side surface holding plate is coupled to the other side of the housing in combination with the remaining limitations of the claims.
 - b. Claims 2, 4, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23 and 25 are allowable over the Prior Art of Record because it fails to teach or suggest an alignment laser projection system comprising a first side holding plate wherein an upper hole is formed such that the central

axis of the hole is the same as the central axis line in the length direction of the permeation window, and a pair of bottom holes are formed in the vertical direction on one location selected between two locations where the central axis of a lower bottom hole of the pair is in parallel with and level with the center of the axis line in the length direction of the permeation window, and the first side surface holding plate is coupled to one side surface of the housing, and a second side surface holding plate where holes corresponding the upper hole and bottom holes of the first side surface holding plates are formed respectively and the second side surface holding plate is coupled to the other side of the housing in combination with the remaining limitations of the claims.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Yaritza Guadalupe whose telephone number is (571)272 -2244. The examiner can normally be reached on 9:00 AM - 6:30 PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Diego F.F. Gutierrez can be reached on (571) 272-2245. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Yaritza Guadalupe McCall
Patent Examiner
Art Unit 2859
September 27, 2004

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